

CLAIMS

What is claimed is:

1. A lacrosse head comprising:
 - a throat for receiving a handle;
 - a scoop distal from the throat;
 - a pair of sidewalls extending from the throat to the scoop;
 - a ball stop adjacent the throat; and
 - a pair of floating ribs corresponding to each of the pair of sidewalls, each of the floating ribs having a first end and a second end separated by a middle portion wherein the first end is joined proximal the throat and the second end is joined proximal the side wall and a segment of the middle portion is not attached to the sidewall.
2. The lacrosse head of Claim 1 wherein the middle portion is attached to neither the sidewall nor the throat.
3. The lacrosse head of Claim 1 wherein the floating rib creates a space between the floating rib and the sidewall.
4. The lacrosse head of Claim 1 wherein:
 - each of the sidewalls having an inner edge; and

the floating ribs having an inner portion, wherein the distance between the inner portions is greater than the distance between the inner edges.

5. The lacrosse head of Claim 1 wherein each of the floating ribs having an apex and each of the sidewalls having an upper portion and a lower portion, wherein the apex is further from the lower portion than the upper portion.

6. A floating rib attached to a lacrosse head having a throat for receiving a handle, a scoop distal from the throat, a pair of sidewalls extending from the throat to the scoop; and a ball stop adjacent the throat, the floating rib comprising a first end and a second end joined by a middle portion, the first end and the second end joined to the lacrosse head, and a segment of the middle portion unattached to the lacrosse head.

7. The floating rib of Claim 6 further comprising the middle portion unattached to the lacrosse head.

8. The floating rib of Claim 6 wherein the middle portion of the floating rib creates an open space between the floating rib and the lacrosse head.

9. The floating rib of Claim 6 further comprising an apex that a greater distance from a lower portion of the sidewall than an upper portion of the sidewall is from the lower portion of the sidewall.

10. A pair of floating ribs attached to a lacrosse head having a throat for receiving a handle, a scoop distal from the throat, a pair of sidewalls extending from

the throat to the scoop; and a ball stop adjacent the throat, each of the the floating ribs comprising a first end and a second end joined by a middle portion, the first end and the second end joined to the lacrosse head, and a segment of the middle portion unattached to the lacrosse head.

11. The floating ribs of Claim 10 further comprising the middle portion unattached to the lacrosse head.

12. The floating ribs of Claim 10 wherein the middle portions of the floating ribs create an open space between the floating ribs and the lacrosse head.

13. The floating ribs of Claim 10 further each comprising an apex that a greater distance from a lower portion of the sidewalls than an upper portion of the sidewalls is from the lower portion of the sidewalls.

14. The floating ribs of Claim 10 further each comprising an inner portion being apart a distance greater than the distance between inner portions of the sidewalls below the floating ribs.

15. A socket of a lacrosse head for receiving a handle comprising:
an outer perimeter having a proximal end proximal a mouth for receiving the lacrosse handle and a distal end distal the proximal end, the distal end being larger than the proximal end; and
the outer perimeter being substantially smooth.

16. The socket of Claim 15 wherein the diameter of the distal end is greater than the proximal end.

17. A lacrosse head comprising:

a throat for receiving a handle;

a scoop distal from the throat;

a pair of sidewalls extending from the throat to the scoop;

a ball stop adjacent the throat; and

a socket attached distal from the scoop, the socket having a proximal end and a distal end, the distal end being larger than the proximal end, and the distal end having a ridge.

18. The lacrosse head of Claim 17 wherein the socket having an outer perimeter that is substantially smooth.